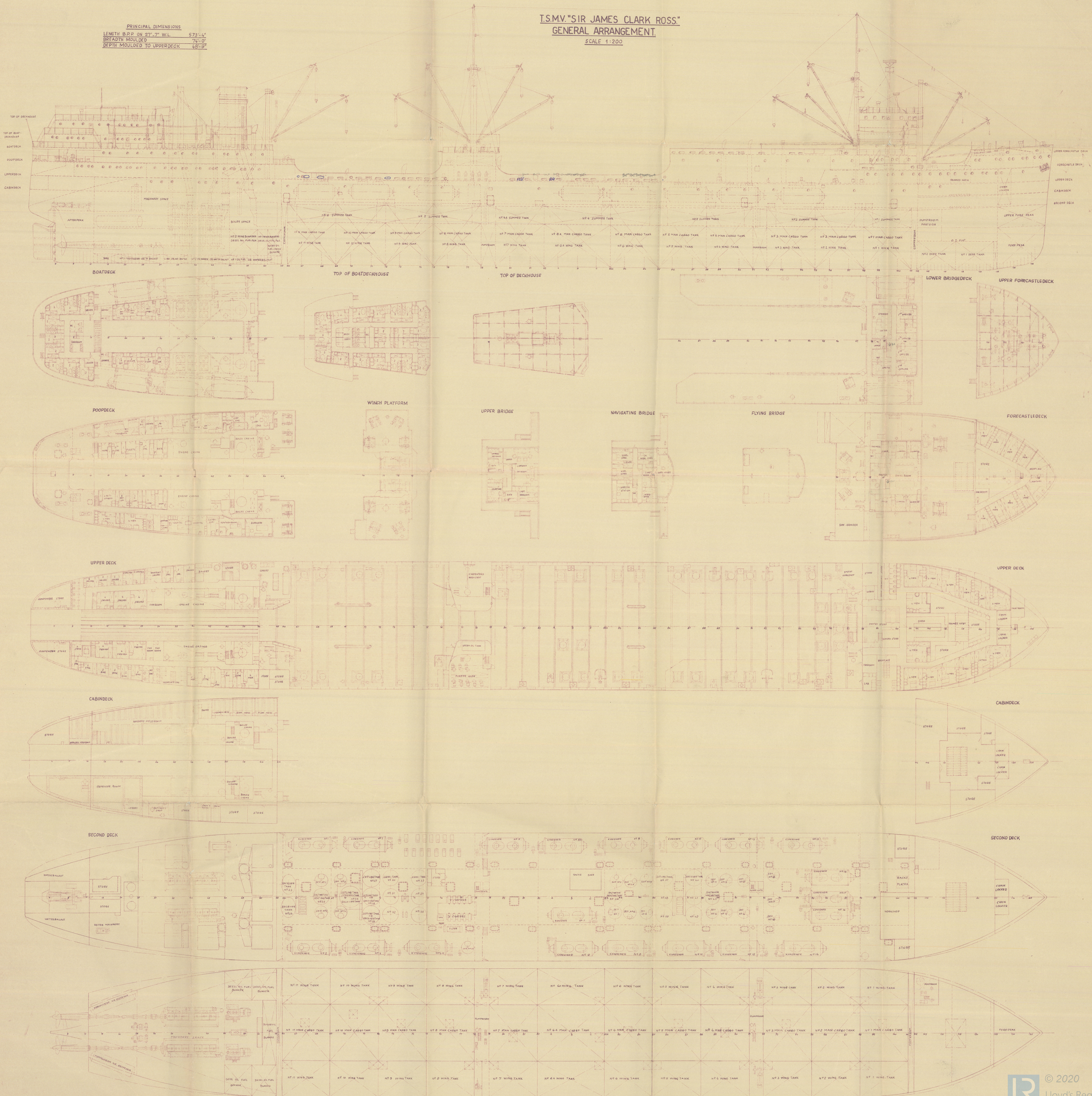






PRINCIPAL DIMENSIONS  
 LENGTH B.P.P. ON 27'-7" W.L. 573'-4"  
 BREADTH MOULDED 74'-0"  
 DEPTH MOULDED TO UPPERDECK 48'-9"

T.S.M.V. "SIR JAMES CLARK ROSS"  
 GENERAL ARRANGEMENT.  
 SCALE 1:200





"S/MS" SIR JAMES CLARK ROSS "

ACCOMPANY *Gothenberg* Rpt. No 23291

Dated 5.57

SUBJECT:-



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004486-004488-0183



"Sir James Clark Ross".

General arrangement of Decks showing  
Location of Press boilers.

Govt. rept No. 23291.



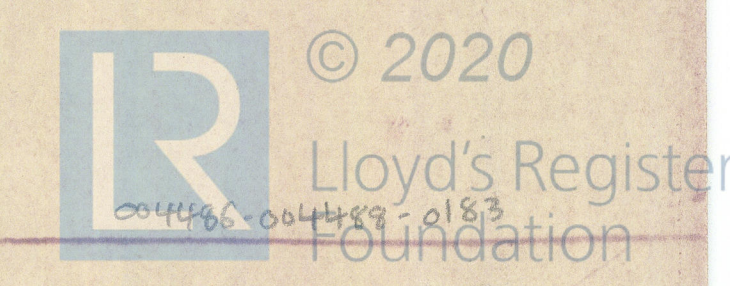
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T.S.M.V. "SIR JAMES CLARK ROSS."  
GENERAL ARRANGEMENT.  
SCALE 1:200

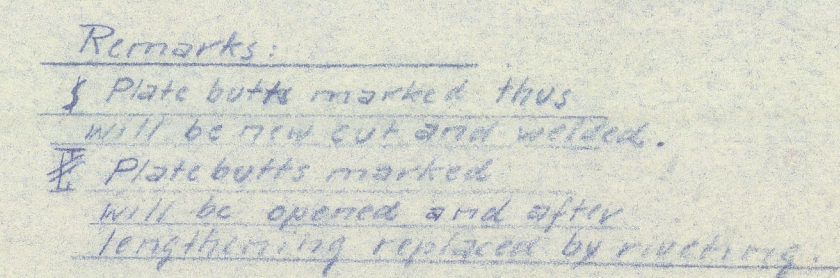
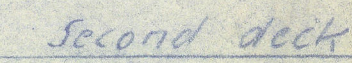
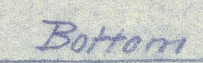
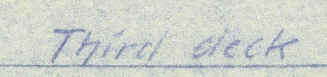








Scale 1:20



The third ~~hose~~ anchor (93 cwts) to be replaced by one of 122 cwts. and 3 additional 15 fathom lengths of  $2\frac{7}{8}$ " diameter cable supplied or equivalent arrangements provided.

T.S.M.V., SIR JAMES CLARK ROSS.

GENERAL ARRANGEMENT  
OF LENGTHENING  
SHELL, BOTTOM AND DECKS

SCALE 1:200

TO ACCOMPANY *Trans.* REPORT No. 4296.  
DATED *8.55*

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Lloyd's Register  
No 56 4318  
Foundation



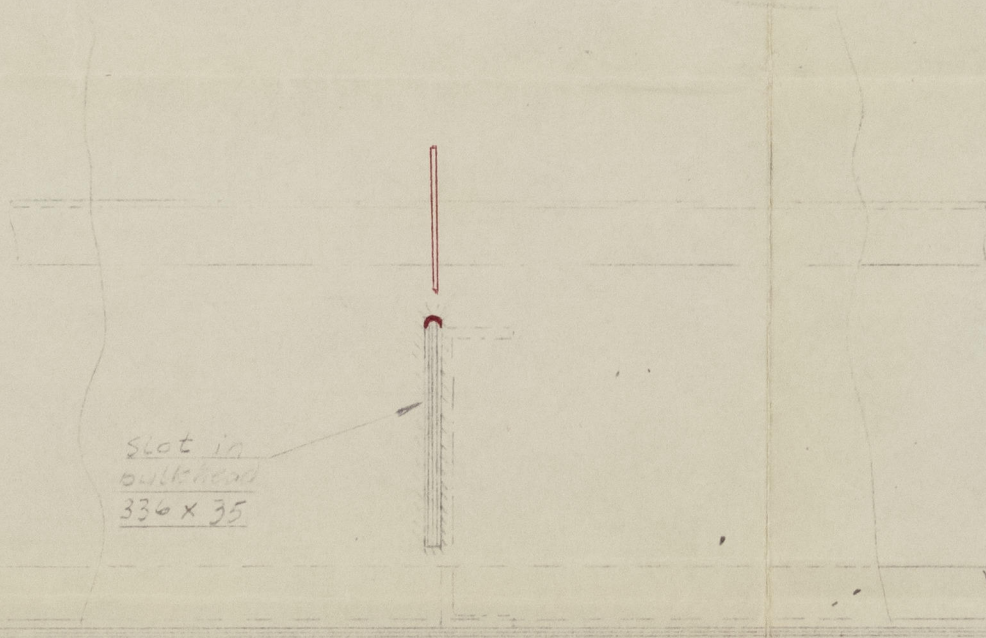
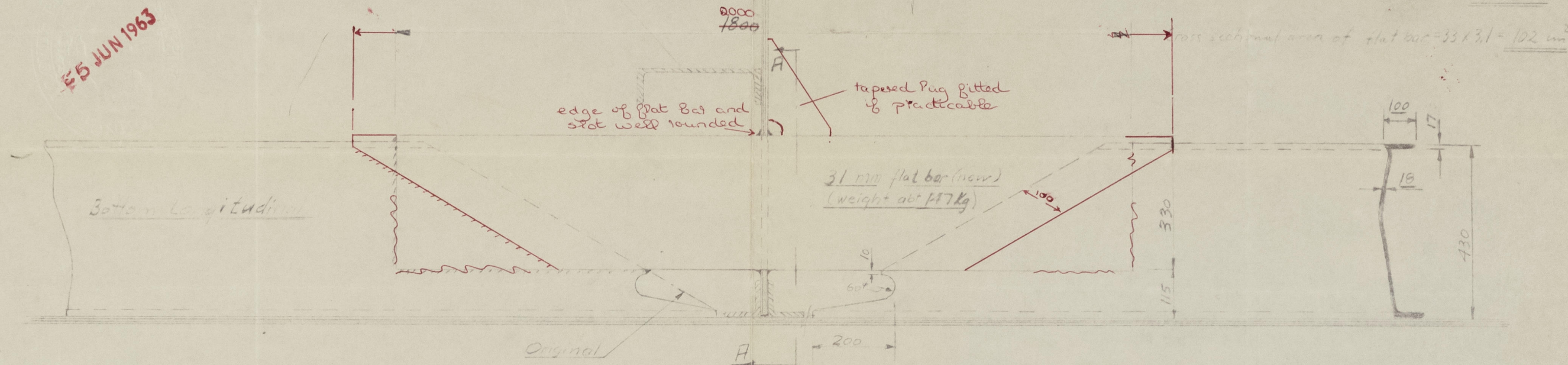
25 JUN 1963

Stiffener on bulkhead

Cross sectional area of L profile  $430 \times 100 \times 18 \times 17 =$

$106 \text{ cm}^2$   
- rivet hole  $= 4 "$   
 $102 \text{ cm}^2$

Cross sectional area of flat bar  $= 33 \times 3.1 = 102 \text{ cm}^2$



Slot in bulkhead  
336 x 35

SECTION A-A

Notes:

Strengthening to be applied to bottom longitudinals up to and including side frame no. 11, and for abt. 40% L midships, from fr. 69 to fr. 92 inclusive.

Sloped end of existing longitudinal to be cut before welding.

Both connections to Longitudinals to be completely welded before making tightening weld around slot in bulkhead.

Welding  $\Delta 5$  continuous to Bulkhead  
 $\Delta 7$  " to Longitudinal

Total number to be fitted = 308

Total steel weight = 308 flat bars  $\times 0.147 = \text{abt. 4.5 tons}$

5-6-63

Arnesen Christensen & Co. AS  
16 MAJ 1963  
Tekniske konsulenter  
OSLO

SS/MS "Attached Oslo Rpt. 9866"

TO ACCOMPANY  
ARNESSEN, CHRISTENSEN & CO. A/S, OSLO

T.S. M.V. "SIR JAMES CLARK RUSS"  
SUBJECT: STRENGTHENING OF BOTTOM & SIDE LONGITUDINALS

TEGN. H.S. KFR. ATS DATO: 6-5-63 TEGN. NR.: 4264-A3  
SCALE: 1:10

004486-004488-0249